**DataType → Integer | string | double | char | void | boolean**

**cin → read>>(identifier);**

**cout → show<< (-----);**

**Assignment → identifier assign Exp ;**

**Expression → identifier |Expression | (Exp Op Exp ) | not** **Exp**

**Op → + | - | \* | /**

**IF**  **→** IFF (**condition**) {**Statement**} | IFF (**condition**) {**Statement**} else {**Statement**}

**Condition** **→** **compare** **complete | (compare)** **complete**

**Compare**  **→** (Expression **Relation** Expression) | Expression **Relation** Expression

**Complete**  **→** and **cond**| or **cond** | ε

**Relation →** Eq / noteq / great /small/grtoreql/smloreq

**While → Loop (condition) {Statement}**

***Statement →* cin Statement | coutStatement| IF Statement |whileStatement| Assign Statement | ε**

**Params → DataType id | DataType id, Params**

**Main → main () {Statement}**

**Call-Params → id | id, Call-Params**